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(57) Abstract:

PURPOSE: To realize a high capacitance corresponding to the number of parallel lines by laminating a plurality of interdigital capacitors, each comprising a combination of first and second pectinated conductors, through dielectric films and then connecting the interdigital capacitors in parallel.

CONSTITUTION: First and second pectinated conductors 4-1, 4-2 are formed while being interdigitated on a substrate 1 and a dielectric film 7 is formed thereon. Third and fourth pectinated conductors 4-3, 4-4 are then formed thereon while being interdigitated. The pectinated conductors are interconnected through through holes 8-1, 8-2 thus connecting the upper and lower interdigital capacitors in parallel. This structure realizes high capacitance easily without increasing the area as compared with a conventional interdigital capacitor.

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